

Converting Colors

YUV(84.8310, -17.6647,
-74.3968)

Have a look what the booklet for
YUV(84.8310, -17.6647, -74.3968)
contains.

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Color

**YUV(84.8310, -17.6647,
-74.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	008731
RGB	0, 135, 49
RGB Percent	0%, 53%, 19%
CMY	1.0000, 0.4706, 0.8078
CMYK	1.00, 0.00, 0.64, 0.47
HSL	142°, 100%, 26%
HSV	142°, 100%, 53%
XYZ	9.2184, 17.5497, 5.8073
YIQ	84.8310, -52.8540, -55.3660

Conversions

Conversions Part 2

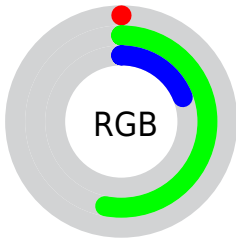
Format	Color
RYB	0, 99, 135
Decimal	34609
CIELab	48.95, -50.21, 36.69
CIELCh	49, 62.189, 143.844
Yxy	17.5497, 0.2830, 0.5387
Android (android.graphics.Color)	4278224689 (0xFF008731)
YUV	84.8310, -17.6647, -74.3968
Hunter-Lab	41.8924, -34.0330, 21.1056

Details

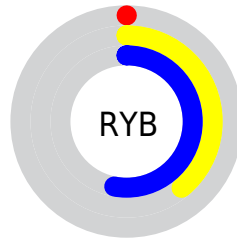
The YUV color **84.8310, -17.6647, -74.3968** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **50.1690, 17.6647, 74.3968**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7470, -23.5393, -56.7831**, and **49.3080, -24.3088, -43.2431** is the 20% darker color. If you saturate the color by 10%, you get **84.8310, -17.6647, -74.3968**, and if you desaturate by 10%, it is **89.7440, -15.6498, -67.3045**.

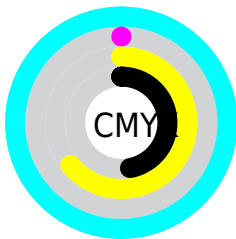
Distribution



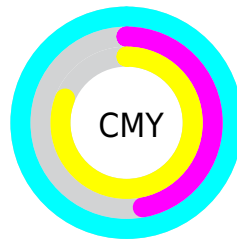
- Red (0%)
- Green (53%)
- Blue (19%)



- Red (0%)
- Yellow (39%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8310, -17.6647, -74.3968 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 84.8310, -17.6647, -74.3968 by changing the saturation by 10% instead.

■ 84.8310, -17.6647,
-74.3968

■ 84.8310, -17.6647,
-74.3968

255.0000, 0.0000,
0.0000

■ 66.7190, -21.0605,
-58.5126

■ 146.7470,
-23.5393, -56.7831

■ 49.3080, -24.3088,
-43.2431

■ 175.2910,
-25.2865, -56.3832

■ 34.6330, -17.0741,
-30.3731

■ 204.0630,
-26.1601, -56.1833

■ 21.7190, -10.7075,
-19.0476

■ 220.2090,
-20.8090, -45.7873

■ 0.0000, 0.0000,
0.0000

■ 232.0720,
-12.8535, -30.7581

■ 244.2340, -5.0454,

-15.1142

■ 84.8310, -17.6647,
-74.3968

■ 89.7440, -15.6498,
-67.3045

■ 94.8420, -14.2191,
-59.4974

■ 100.0540,
-12.3516, -51.7904

■ 104.8530,
-10.7735, -44.5981

■ 110.0650, -8.9060,
-36.8910

■ 114.9780, -6.8912,
-29.7987

■ 119.7770, -5.3131,
-22.6064

■ 124.9890, -3.4456,
-14.8994

■ 130.0870, -2.0149,
-7.0923

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



103.8620, -51.2040, -3.3870



84.8310, -17.6647, -74.3968



93.3350, 4.7648, -81.8548

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8310, -17.6647, -74.3968



99.2700, 60.5059, -87.0598



108.2390, -15.4008, 86.6134

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.8310, -17.6647, -74.3968



50.1690, 17.6647, 74.3968

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.9220, 8.9125, 81.6294



84.8310, -17.6647, -74.3968



114.0010, 48.8065, -21.0489

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8310, -17.6647, -74.3968



102.7460, 48.4392, -90.1082



118.1850, 29.9818, 43.6878



110.7610, -40.8012, 66.8616

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8310, -17.6647, -74.3968



98.1400, 20.6370, -86.0688



118.1850, 29.9818, 43.6878



107.8400, -6.8231, 88.7173

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.8310, -17.6647, -74.3968



156.2770, -7.0386, -29.1839



105.5570, -52.0396, -15.3975



77.1520, -4.0189, -17.6733



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8310, -17.6647, -74.3968



110.6080, -22.9777, -97.0032



92.3550, 11.1640, -80.9953



63.7500, -0.8627, -3.2887



81.6680, -17.0913, -71.6228



1.8750, -0.4314, -1.6444

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.1690, 17.6647, 74.3968



65.3920, 22.9777, 97.0032



42.6450, -11.1640, 80.9953



62.2500, 0.8628, 3.2888



48.3320, 17.0913, 71.6228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 84.8310, -17.6647, -74.3968 looks on a white background.

Color Contrast Check

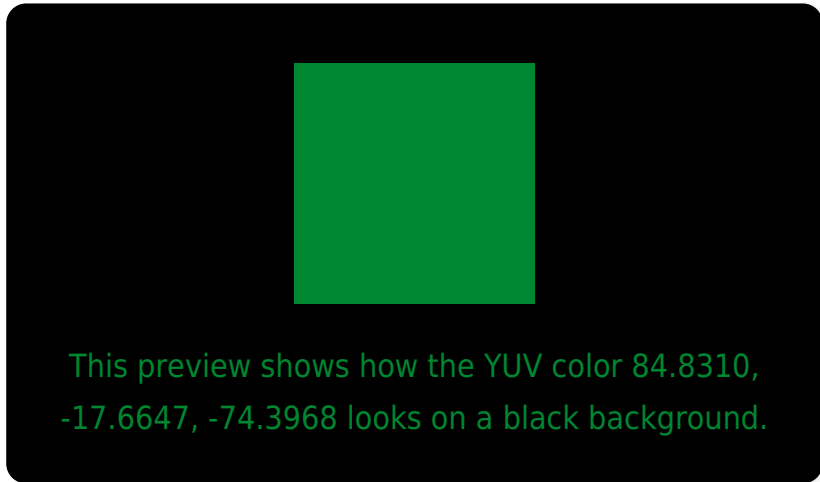
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.8310, -17.6647, -74.3968

Background



This preview shows how black text looks on a background with the YUV color 84.8310, -17.6647, -74.3968.



This preview shows how white text looks on a background with the YUV color 84.8310, -17.6647, -74.3968.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

111.6790, -33.3657, 15.1905

Deuteranopia

113.8250, -28.0147, 25.5865

Tritanopia

105.7260, 15.4181, -45.3637

Trichromacy



Protanomaly

101.9630, -27.5898, -17.5076

Deuteranomaly

103.2180, -24.2645, -10.7152

Tritanomaly

97.8590, 3.5205, -56.0043

Monochromacy



Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8150, -6.3178, -27.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8310, -17.6647, -74.3968 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 135, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 49)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 135, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 49) }
```

Border

The CSS property to change the border of an element to YUV 84.8310, -17.6647, -74.3968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 135, 49) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 135, 49) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 135, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 135, 49)  
}
```


Background

The CSS property to change the background color of an element to YUV 84.8310, -17.6647, -74.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 49) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 135,  
49) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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